

*BEST COPY  
Available*

25X1

NSC BRIEFING

21 October 1954

SOVIET GUIDED MISSILES

I. Complex: must distinguish between what known, what suspected, and what still trying find out.

A. First, know Soviets intensely interested in German WWII missiles - took away 400 German experts, also missiles, labs, plants.

1. By 1950, Germans being returned - now only 50 control specialists, still in USSR.

B. Second, know Soviets have missile test range (KAPUSTIN YAR, near Stalingrad). V-2's fired there in '47 and indications continuing use.

25X1

25X1

25X1

[REDACTED]

ILLEGIB

C. Also, know USSR capable (in terms science, technology, economy) supporting sizeable missile program.

25X1

D. Suspect -

[REDACTED]

25X1

[REDACTED] many individuals, plants, labs in USSR now doing missile research, development.

25X1

[REDACTED]

E. Consequence: US intelligence community convinced USSR has extensive guided missile program, US and allies face growing threat over next years

25X1

(recent National Estimate).

[REDACTED]

25X1

[REDACTED]

F. However, don't know particulars - kinds of Soviet missiles now on hand, or under development.

G. Thus, when mention specific missile, this only tentative:

-2-

25X1

[REDACTED]

ILLEGIB

25X1

[REDACTED]

1. Not based firm current intelligence.
2. Instead, derived from estimate of Soviet military needs, [REDACTED]

25X1

[REDACTED]

ILLEGIB

ILLEGIB

25X1

[REDACTED]

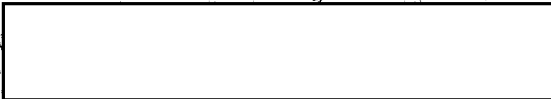
[REDACTED]

ILLEGIB

Approved For Release 2003/10/21 : CIA-RDP79R00890A000400020029-0

Approved For Release 2003/10/21 : CIA-RDP79R00890A000400020029-0

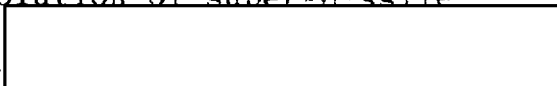
25X1



VI. Among offensive missiles (also major Soviet goal), USSR will push for following:

A. "Surface-to-surface" missile for submarine-launched attack on coastal area. Could now have improved (200-mile range) "V-1". By '55, could have (500-mile range) "pilotless aircraft".

B. In "ballistic" missile field, will probably develop "family" of short and medium range "surface-to-surface" types. Could probably now produce either short range "native design" or improved (350-mile range) "V-2", as counter to allied tactical nuclear capabilities in Europe. However, more advanced types ballistic missiles will not be put into quantity production until time comes when allied air defense improvements make use of piloted bombers impractical means of nuclear attack. In interim, development work on "ballistic" family will include evolution of super-missile.



ILLEGIB  
25X1

25X1

[REDACTED]

Ultimate missile threat is inter-  
continental ballistic missile (IBM).

25X1

Believe USSR will make concerted effort produce IBM, as counter to similar US weapon and as potentially decisive means attack. Such weapon, with [REDACTED] thermonuclear warhead and range of 5,500 miles, could enter production by 1963, or -

1. If no major delays and all-out effort, possibly as early as 1960.
- D. By 1963, warhead could have a yield of \_\_\_\_.\*
1. Advent of IBM means entirely new type of threat to US.

VII. To find out more about this critical subject, we plan intensify several kinds efforts:

ILLEGIB

Next 2 Page(s) In Document Exempt